

CLAIM AMENDMENTS

Please amend claims 1, 2, 4-8, 12, 13, 20, 21, 23-27, and 31 as follows:

1. (Currently Amended) A print-on-demand method for creating and reproducing books by heterogeneous systems, said method comprising the steps of:

a) obtaining and generating book files in portable document format (PDF), job definition format (JDF), and scalable vector graphics (SVG) format, being further defined as formats, wherein said formats comprise a family of common normal format (CNF) files, retrieved from or sent to at least one of a memory, scanner and network, said book files including book identification information and book production information, wherein said book files are compiled into a digital representation of a book targeted for reproduction;

b) converting said book files ~~from~~ reflecting attributes imposed by said JDF into a master book embodied in the common normal format- (CNF [[]]) files that are reproduction system and solution-independent;

c) storing at least one of said family of CNF files in memory within a repository as a mastered book;

d) determining if said at least one of the said family of CNF files need to be converted into equipment specific format files based on a book reproduction system to be utilized for reproduction and if conversion is necessary, thereafter converting said at least one of said family of CNF files into said equipment specific format files that match the needs of said book reproduction system; and

e) reproducing said book at said book reproduction system.

2. (Currently Amended) The method in Claim 1, wherein said book in step a) is originally in the form of electronic files digitally represented in at least one of the PDF and JDF formats for printing versatility, and further downstream of reproduction workflow in communication medium, said book files authored in said SVG format, via standalone or existing applications, advantaged by the SVG format possessing a structural file format that increases versatility in manipulating content online beyond competing CNF capabilities, all encapsulated within an XML pipeline

while still imposing JDF functionality, ultimately resulting in a highly responsive, reliable solution in the spirit of just-in-time inventory practices.

3. (Original) The method in Claim 1, wherein said book in step a) is originally in the form of a hard copy, and step a) further comprises the steps of:

scanning the components of said book; and

converting scanned components of said book into said digital representation.

4. (Currently Amended) The method in Claim [[1]] 2, wherein said book identification information comprises the book title.

5. (Currently Amended) The method in Claim [[1]] 2, wherein said book identification information comprises the book author.

6. (Currently Amended) The method in Claim [[1]] 2, wherein said book identification information comprises the book publisher.

7. (Currently Amended) The method in Claim [[1]] 2, wherein said book identification information comprises the International Standard Book Number.

8. (Currently Amended) The method in Claim [[1]] 2, wherein said book identification information comprises the book publishing date.

9. (Original) The method in Claim 1, wherein step d) comprises the step of:
acquiring or generating hard copy book production information.

10. (Original) The method in Claim 9, wherein said book production information comprises printing information.

11. (Original) The method in Claim 9, wherein said book production information comprises binding information.

12. (Currently Amended) The method in Claim 1, wherein step d) further comprises the step of:

via a Raster Image Processor, creating a bitmap of a the book block.

13. (Currently Amended) The method in Claim 1, wherein step d) further comprises the step of:

via a Raster Image Processor, creating a bitmap of a the book cover.

14. (Previously Amended) The method in Claim 13, wherein step d) further comprises the step of:

acquiring or generating hard copy book production information.

15. (Original) The method in Claim 1, wherein for electronic books, said book production information comprises security information.

16. (Original) The method in Claim 1, wherein for electronic books, said book production information comprises viewing capabilities.

17. (Original) The method in Claim 1, wherein for electronic books, said book production information comprises printing capabilities.

18. (Original) The method in Claim 1 wherein step e) comprises for electronic books, the step of:

providing access to said book via an electronic link to a data network.

19. (Original) The method in Claim 1 wherein step e) comprises for electronic books, the step of:

delivering said book to a predefined destination.

20. (Currently Amended) A print-on-demand system for creating and reproducing books by heterogeneous reproduction workflows, said system comprising:

at least one of a scanner, memory and data network for obtaining book contents for a book targeted for reproduction;

a book file generator to generate to distribute a digital representation of said book ~~targeted for reproduction into book files~~, transmittable in the form of at least one of a portable document format (PDF), including book identification information and book production information in job definition format (JDF), and scalable vector graphics (SVG) format, wherein all said format being collectively termed family of common normal formats (CNF) in light of being reproduction system and solution independent within a reproduction process;

a CNF file ~~common normal format~~ converter to convert said book files into at least one of a CNF file ~~a common normal format of the family of CNF files~~ that is reproduction system and solution-independent;

a book file memory within a repository to store the CNF ~~common normal format~~ file of the family of CNF files representing said book targeted for reproduction as a mastered book;

an equipment specific format (ESF) file converter to determine if the at least one of said CNF ~~common normal format files~~ file need to be converted into the ESF ~~equipment specific format files~~ file based on a book reproduction equipment to be utilized for reproduction and if conversion is necessary, thereafter to convert said CNF ~~common normal format~~ files into said ESF ~~equipment specific format~~ files matching the needs of said book reproduction equipment being utilized to reproduce said book; and

a book reproducer to reproduce said book from information comprised by said ESF ~~equipment specific format~~ files.

21. (Currently Amended) The system in Claim 20, wherein ~~said book is originally in the form of electronic files~~ the digital representation of said book in a pre-distribution phase is formed in at least one of a PDF and JDF format within the family of CNF formats, and downstream of said pre-distribution phase communication transmission formatting transitions to an SVG format, via standalone or existing applications, possessing a structural file format that increases versatility in manipulating online content beyond the PDF format capabilities, all encapsulated within an XML pipeline.

22. (Previously Amended) The system in Claim 20, wherein said book is originally in the form of a hard copy, and said book file generator further comprises:

a book scanner to scan the components of said book; and

a scanned component converter to convert scanned components of said book into said digital representation.

23. (Currently Amended) The system in Claim ~~[[20]]~~ 21, wherein said book identification information comprises the book title.

24. (Currently Amended) The system in Claim ~~[[20]]~~ 21, wherein said book identification information comprises the book author.

25. (Currently Amended) The system in Claim ~~[[20]]~~ 21, wherein said book identification information comprises the book publisher.

26. (Currently Amended) The ~~method~~ system in Claim ~~[[20]]~~ 21, wherein said book identification information comprises the International Standard Book Number.

27. (Currently Amended) The system in Claim ~~[[20]]~~ 21, wherein said book identification information comprises the book publishing date.

28. (Previously Amended) The system in Claim 20, wherein said equipment specific format converter comprises:

a book production information generator to generate hard copy book production information.

29. (Original) The system in Claim 28, wherein said book production information comprises printing equipment information.

30. (Original) The system in Claim 28, wherein said book production information comprises binding equipment information.

31. (Currently Amended) The system in claim [[20]] 21, wherein said equipment specific format converter comprises:

a Raster Image Processor to create a bitmap of the book block.

32. (Previously Amended) The system in Claim 20, further comprising:

a Raster Image Processor to create a bitmap of the book cover.

33. (Previously Amended) The system in Claim 20, wherein said equipment specific format converter comprises:

a book production information generator to generate hard copy book production information.

34. (Previously amended) The system in Claim 28, wherein for electronic books, said book production information comprises security information.

35. (Previously amended) The system in Claim 28, wherein for electronic books, said book production information comprises viewing capabilities.

36. (Original) The system in Claim 20, wherein for electronic books, said book production information comprises printing capabilities.

37. (Previously Amended) The system in Claim 20 wherein said book reproducer comprises for electronic books:

an electronic link to provide access to said book.

38. (Previously Amended) The system in Claim 20 wherein said book reproducer comprises for electronic books:

an electronic link to deliver said book to a predefined destination over a data network.